



Odom
Engineering
PLLC

152 East Main Street • Forest City, NC 28043

Phone (828) 247-4495 • Fax (828) 247-4498

ENGINEER'S CONSTRUCTION OBSERVATION REPORT

Project: Queen's Gap		Project Number: 2013-002
Contractor: Site Development Corporation		Contact at Site: J. Worley / R. Connor
Date: 05/02/2016	Time of Arrival	Weather Conditions: Workable soils.
Notice to Proceed:		Substantial Completion Date:
Previous Rain Days:		Previous Substantial Completion Date:
Rain Days Since Last Report:	Total Rain Days:	Current Substantial Completion Date:

Observations & Notes:

Site inspection for Project 3 and 5 areas.

Project 5 – Work is progressing in Project 5 area with new culvert piping and Catch Basins installed and the CABC stone base course placed on Eamon Drive. Items to address include placement of stone and rip rap adjacent to the hardware cloth inlet protection at Catch Basins. Address positive drainage in the new ditchlines to the Catch Basins. Provide the required quantity and dimension of rip rap at pipe culvert outlets. Establish vegetation of all disturbed areas. Protect the edge of the slope near the intersection of Eamon Drive and Devin Ridge Road. Repair slope matting that moved on the Eamon Drive fill slope area.

Work on the upper section of Devin Ridge Road is halted by the conflict with the existing underground power line.

Project 3 - Continue maintenance on ditchlines previously constructed that lack vegetative groundcover. Ditchline restoration is needed in the beginning section of project 3 area. Vegetation needs to be established in all ditchlines project wide.

The lower portion of Project 3 road approaching Project 2 area was discussed with Rick Conner present. This road section is located in a tight radius with a steep embankment below. The waterline utility remains to be installed by T&K Utility in this section of road – away from the edge of the road fill embankment. The embankment may require additional work for stability, at the current time the slope will be monitored. Additional hydro seeding will be provided for to provide full vegetative groundcover.

The last rain event was on 05-01-16 with 3.20" recorded.

NPDES self-monitoring report is attached.

Project 2 notes:

The road paving of Project 2 is being scheduled to begin by Caldwell Construction Services. Caldwell requested the road width be checked to provide 19' stone base width near the cul-de-sac areas in Project 2. Certain areas with ballast stone placed on them from previous erosion control efforts will need amending prior to placement of asphalt base.

During inspection it was noted that some areas in Project 2 areas have shoulders and/or road base elevations that require adjustment in height to provide positive drainage into existing ditchlines.

Site Development Corporation will begin roadbed subgrade channeling on the side of the existing road to achieve 19' width.

Reported by: Wayne Watkins, CPESC



Project 3 area slope repair work performed by Site Development Corp.



New road construction on Eamon Drive in Project 5 area.



New catch basin top with new sediment inlet protection on-going at time of inspection.



Entry of Eamon Drive from Devin Ridge Road. Additional work to be performed at the entry to increase the radius and width of the stone base course.